



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 9977

Bib Data Sheet

SERIAL NUMBER 09/918,391	FILING DATE 07/30/2001  RULE	CLASS 375	GROUP ART UNIT 2637	ATTORNEY DOCKET NO. Benning 16-13-10-18
-----------------------------	---------------------------------------	--------------	------------------------	---

## APPLICANTS

Roger David Benning, Long Valley, NJ;

R. Michael Buehrer, Morristown, NJ;

Mark H. Kraml, Flanders, NJ; Paul Anthony Polakos, Marlboro, NJ;

\*\* CONTINUING DATA \*\*\*\*\* *None*\*\* FOREIGN APPLICATIONS \*\*\*\*\* *None*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 08/23/2001

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>[Initials]</i>	NJ	3	36	4

## ADDRESS

Docket Administrator  
 Lucent Technologies Inc.  
 Room 3J-219  
 101 Crawford's Corner Road  
 Holmdel, NJ  
 07733-3030

## TITLE

Space time spreading and phase sweep transmit diversity

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )

h e e e e c